ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		ECN #: 801
Date: 06.05.02		
Project No: D205-564 / D430-688	Created By: KJ	Checked By:
Project Name: BEARPAW INSTALLATIONS	Approved By: (Proj. Manager)	Approved By: (Management if reqd)

Description of Change:

RELEASE : DSI 9328 Rev. A
D3503 Rev. A
D3511 Rev. A

Engineering Actions	Yes	No	Responsible	To happen by:	Complete
Required Documents Under Review?		✓			
Update Blue/Pink Folder/Electronic File	✓		KJ/PH	06.05.04	06.05.02 KJ PH
Update DSI Folder/Electronic File	✓		KJ/PH	06.05.04	06.05.02 KJ PH
Update D-Part Master Binder	✓		KJ	06.05.04	06.05.02 KJ
Update Grey Project Binder		✓			
Update DEO/DSI Binder	✓		KJ	06.05.04	06.05.02 KJ
Update Master Document List (MDL)	✓		KJ	06.05.04	N/A KJ
Update Drawing Approval Record (DR)	✓		KJ	06.05.04	06.05.03 KJ
Update Change Record Form	✓		KJ	06.05.04	06.05.03 KJ
Move Electronic File	✓		KJ	06.05.05	06.05.05 KJ
Notify TCA of Change	✓		DS	06.06.02	
Notify FAA of Change		✓			
Update QSI 021 (TC/FAA STC)		✓			
Update QSI 036 (K-Kits)		✓			
Scan Documents		✓			
Update Accpac Database	✓		KJ	06.05.04	06.05.03 KJ
Update Access Database	✓		KJ	06.05.04	06.05.03 KJ
Verification ARC	✓	✓	KJ	06.05.04	06.05.03 KJ
Create/Update STC Approval List		✓			
Update Prod. Dev. Summary	✓		PH	06.05.05	06.07.18 PH
Create/Update COSS (Estimate/BOM)	✓		JLM	06.05.04	JLM 06.05.04
Create/Update PPP's	✓		KJ	06.05.04	06.05.03 KJ
Update Paperwork Kits in Production	✓		KJ	06.05.04	None in Prod. KJ
Update Paperwork Kits in Stock	✓		KJ/LL	06.05.04	06.05.11 KJ
Rework/Scrap Current Production	✓		LL	06.05.04	06.07.18 KJ
Rework/Scrap Kits in Stock?	✓		LL	06.05.04	
Update Qpulse		✓			
Create/Update Controlled PDF Dwgs	✓		KJ	06.05.04	06.05.02 KJ
Create/Update FAI sheets		✓			
Create/Update CNC Programs	✓		JLM	06.05.05	JLM 06.05.04
Create/Update Tooling	✓		JLM	06.05.05	JLM 06.05.04
Create/Update DXF File	✓		PH	06.05.05	PH 06.05.05
MPP required?		✓			
Notify Previous Customers					
Notify Eurocopter France		✓			

06.07.18
see DS e-mail

Notes: UPDATE K10015 WITH DSI 9328 & Remove DSI 9247 PAPERWORK (See ATTACHED EMAIL)

• Scrap DSI 9247-011 Kits + D3184-041 wearplate

KEEP DSI 9247 in stock
see attached L. Lacelle
e-mail

ECN Complete: _____ Date: 06.07.21

From:	phum@dartaero.com
Sent:	Tuesday, May 02, 2006 2:08 PM
To:	Kim Johnston
Cc:	davids@dartaero.com; sshahbazian@dartaero.com
Subject:	RE: Run-on Landing Wearplate kit

Hi Kim,

The Change number will be 001 because this is an entirely new DSI and is NOT a revision to the existing DSI. We are treating this as strictly a brand new product. The new DSI P/N makes this part distingushed between the old DSI (b/c not the same P/N) and therefore its at CHG 001. The old DSI should be taken out completely from the blue/pink/production.

The MDL or DR which ever this project has needs to be updated, it will be a David self-audit type because its a TC approval. Since the P/N's for the DSI and drawings are all new, new CNC programs/tooling would need to be created as required by JLM or EC.

You will have to talk to Bill B/David with regards to customers waiting on this dsi.

Peter

Kim Johnston <kjohnston@dartaero.com> said:

‹ Peter,

> Will the change record # go up for these parts because of the dsi? Is there
> any change to CNC programs, tooling, any customers waiting on this dsi, does
> the mdl get updated?
>
> Kim
>
> -----Original Message-----
> From: phum@dartaero.com [mailto:phum@dartaero.com]
> Sent: Tuesday, May 02, 2006 10:56 AM
> To: S Shahbazian; Hum, Peter
> Cc: Johnston, Kim; davids@dartaero.com
> Subject: Re: Run-on Landing Wearplate kit
>
>
>
>
> Hi Serge,
>
> Assuming that David has signed off the new DSI and the drawings. This is
> what needs to be done.
>
> 1) Signed off drawings and DSI from David,
> 2) ECN to release drawings and the DSI
> 3) Scrap the old DSI parts in stock (L Lacelle has told me there is 3) that
> is associated with the 205 bearpaw (D205-564, I think)
>   4) The signed off DSI will replace the old DSI
>
> The ECN should have
>
> 1) Update Blue/Pink File✓

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> 2). Scrap in stock/current production as required (DESTROY OLD STOCK)
> 3) Update COSS/ACCPAC/ESTIMATES/UPDATE DXF FILE (there are new P/N's and
> estimates to be written), the wearplate will be cut on the waterjet, Eric C
> should have the file
> 4) Update DSI folder and drawing binder and the .pdf folder✓
> 5) The paperwork in production/stock needs to be updated (i.e. replace the
> old wearplate DSI with the new wearplate DSI)
>
> I hope I haven't forgotten anything. If I have, or you have questions just
> ask me or David
>
> Peter
>
>
> S Shahbazian <sshahbazian@dartaero.com> said:
>
> > Hi Peter,
> >
> >
> >
> > What is left to be done on Run-on Landing Wearplate Kit? Is it only the
> > ECN? Are we changing whatever is in stock? Because Kim can do the ECN,
she
> > needs to know what to mark on ECN.
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> >
> > Thanks
> >
> > Serge
> >
> >
> >
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> --
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>

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L Lacelle

From:	Bill Beckett [bbeckett@dartaero.com]
Sent:	May 9, 2006 2:16 PM
To:	'Linda Lacelle'
Cc:	Sian Willems (E-mail)
Subject:	RE: ECN 801

Linda,
Don't scrap them, but I don't want to make any more once these are gone.
They will be replaced by DSI9328 (in the catalogue as well).
Bill

-----Original Message-----
From: Linda Lacelle [mailto:llacelle@dartaero.com]
Sent: May 9, 2006 12:34 PM
To: 'Bill Beckett'
Subject: RE: ECN 801

Do I scrap the 3 ??

-----Original Message-----
From: Bill Beckett [mailto:bbeckett@dartaero.com]
Sent: Monday, May 08, 2006 10:26 AM
To: 'Peter Hum'; 'Linda Lacelle'
Cc: 'Bill Beckett (E-mail)'
Subject: RE: ECN 801

Linda,
Who in DHS requested the L/T? I need to talk to them.
Bill

-----Original Message-----
From: Peter Hum [mailto:phum@dartaero.com]
Sent: May 8, 2006 9:47 AM
To: 'Linda Lacelle'
Cc: Bill Beckett (E-mail)
Subject: RE: ECN 801

Better check with Bill, it was my impression that we were scraping them all

Additionally, the old DSI 9247 was replaced by the new DSI 9328. Is it possible they are
asking for the new wearplate but using the old DSI # to place the order.

Peter

-----Original Message-----
From: Linda Lacelle [mailto:llacelle@dartaero.com]
Sent: Monday, May 08, 2006 9:40 AM
To: Peter Hum (E-mail)
Subject: ECN 801

Peter,

Are we sure we want to scrap the 3 x DSI 9247's in stock? I know DHS requested a L/T last
week on one of these. Just wanna make sure.
LL

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Date: Tuesday, 5/9/2006 2:29:48 PM
User: Linda Lacelle

Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D205-564 (K10015)
Job Number	: 27038		
Estimate Number	: 10804		
P.O. Number	:	Part Number	: Z_CUSTOM
This Issue	: 5/9/2006 S.O. No. :	Drawing Number	: PAPERWORK
Prsht Rev.	: NC	Project Number	:
First Issue	: 5/8/2006 Type :	Drawing Revision	:
Previous Run	: 00015	Material	:
		Due Date	: 5/15/2006 Qty: 1 Um: Each
Written By	: _____		
Checked & Approved By	: _____		
Comment	:		

Additional Product

Job Number:

Seq. #:	Machine Or Operation:	Description :
1.0	PACKAGING 1	PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1
ADD DSI 9328 TO K10015'S IN STOCK
REMOVE DSI 9247 PAPERWORK FROM K10015 KITS IN STOCK

AR 06/05/11 ⑬

2.0	DC	DOCUMENT CONTROL

Comment: DOCUMENT CONTROL
INSPECT LEVEL 21

Job Completion

B24834 × 2
B23912 × 1
B25768 × 7 + 3

Form: rprocess

1. Approving National Aviation Authority Country: **Transport Canada**	2. **AUTHORIZED RELEASE CERTIFICATE** TCCA 24-0078	3. Form Tracking Number: Wearplate

4. Approved Organization Name and Address:	DART AEROSPACE LTD 1270 Aberdeen Street Hawkesbury, ON K6A 1K7, CANADA	Tel: 1 613 632 3336 Fax: 1 613 632 4443 Email: heli@dartaero.com www.dartaero.com	5. Work Order/Contract/Invoice Number:

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Run-on Landing Wearplate Kit	DSI 9328-011	Per line 1 of 13, remarks		B	Manufactured

13. Remarks:

TC STC SH96-42 Issue 3, FAA STC SR00571NY 00/07/31, LBA GERMANY RC1173 01/10/11, ITALY 98/2046/MAE 98/05/04, JCAB JAPAN STC 128-TYO 01/12/26
TC STC SH01-56 Issue 1, FAA STC SR01404NY 01/10/24

14. Certifies the items identified above were manufactured in conformity to:	19. ☐ ~~CAR 571.10 Maintenance Release~~
☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.	☐ ~~Other regulations specified in Block 13~~ ~~Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with CAR 571.~~

15. Authorized Signature:	16. Certificate/Approval Ref. No.: / 09-89	20. Authorized Signature: N/A	21. Certificate/Approval ref No. N/A
17. Name (Typed or Printed):	18. Date (dd/mmm/yyyy):	22. Name (Typed or Printed): N/A	23. Date (dd/mmm/yyyy): N/A

User/Installer Responsibilities

1. This document does not constitute authority to install the part.

2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in Block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in Block 1.

3. Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

12/09/2001   *Installer must cross-check eligibility with approved data

Peter Hum

From: David Shepherd [dshepherd@dartaero.com]

Sent: July 18, 2006 3:51 PM

To: 'Peter Hum'

Cc: 'Kim Johnston'

Subject: RE: MDL for D205-564/D430-688

We aren't changing the STC and invoking an MDL at this point.
Don't bother with an MDL until we do an STC change.

David

From: Peter Hum [mailto:phum@dartaero.com]
Sent: Tuesday, July 18, 2006 1:49 PM
To: 'David Shepherd'
Cc: Kim Johnston (Kim Johnston)
Subject: MDL for D205-564/D430-688

David,

We are closing out the ECN for the run-on wearplates;

Currently the D205-564 and D430-688 installations DO NOT have MDL's. Do you think its required that we make new MDL's? Or can we go without an MDL?

Thanks

Peter